

What is claimed is:

1. A composite magnetic material comprising a metallic soft-magnetic powder and organic binder, said composite magnetic material having non-conductivity and a plurality of anisotropic magnetic field, and also magnetic loss term having a plurality of magnetic resonances taken place in frequency regions different from each other.

2. A composite magnetic material as claimed in Claim 1, wherein said plurality of magnetic resonances in frequency regions different from each other are caused from mixing a plurality of powders having anisotropic magnetic fields (H_k) different in strengths from each other.

3. A composite magnetic material as claimed in Claim 1, wherein said plurality of anisotropic fields different from each other is given by a monotonous magnetic powder, said monotonous magnetic powder having a single kind of composition, a monotonous particle size distribution, and a specific surface area of $0.3 \text{ m}^2/\text{g}$ or more, said monotonous particle size distribution having a distribution curve with a maximum value but without maximal and minimal values.

4. An electromagnetic interference suppressing body comprising a composite magnetic material claimed in claim 1.

5. An electromagnetic interference suppressing body as claimed in claim 4, wherein the lowest one of

said magnetic resonances occurring in a frequency region lower than a lower limit of the electromagnetic interference suppression frequency band caused by said magnetic interference suppressing body.